

Figure 1

Black et al.
AUS920010244US1
Hierarchical Correlation of Intrusion
Detection Events
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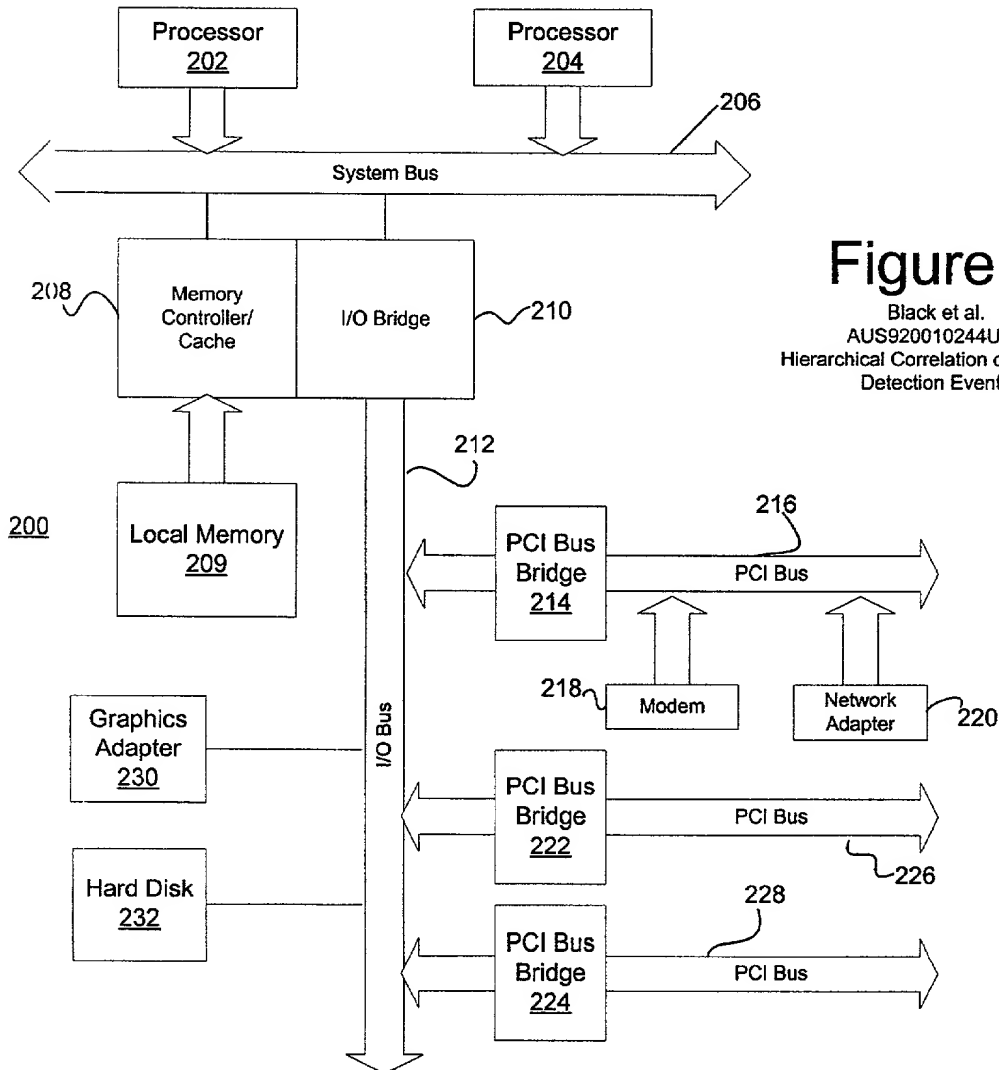
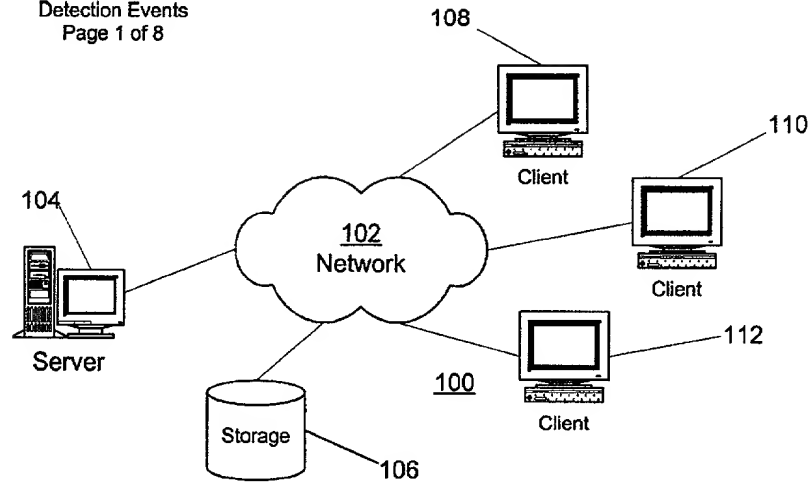


Figure 2

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0946306624660

Figure 3

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Client
300

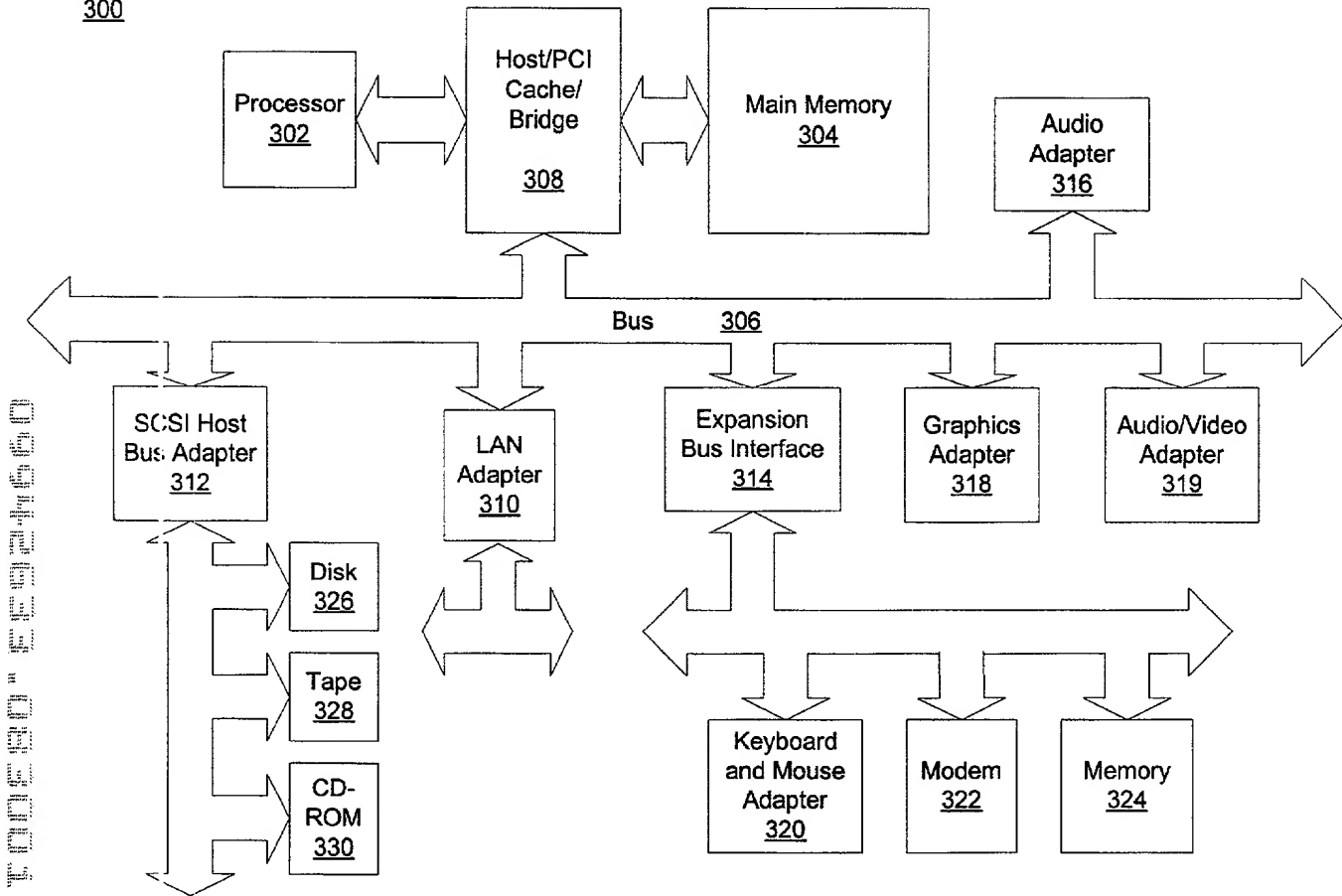


Figure 4A

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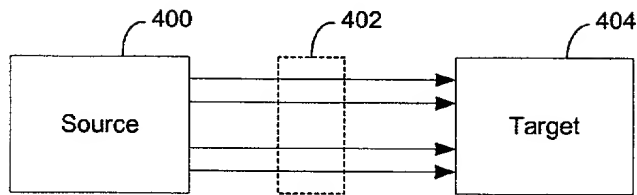


Figure 4B

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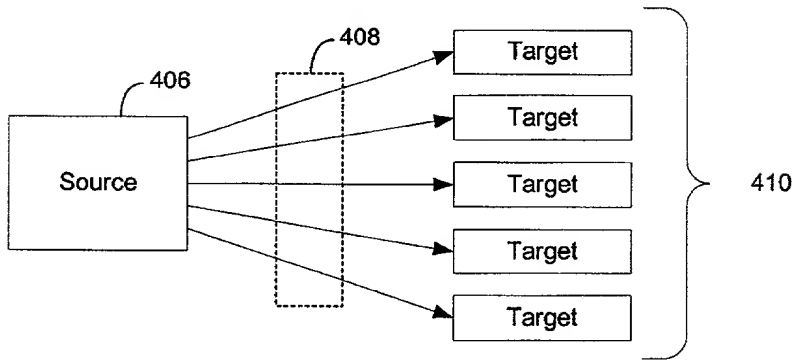


Figure 4C

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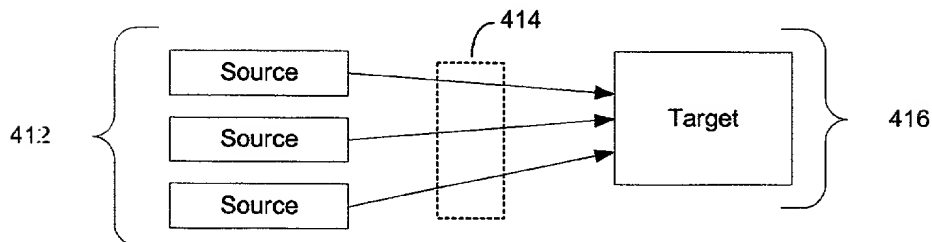


Figure 5

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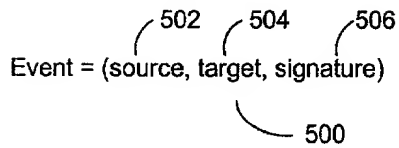


Figure 6

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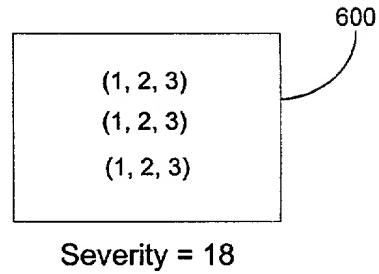


Figure 7

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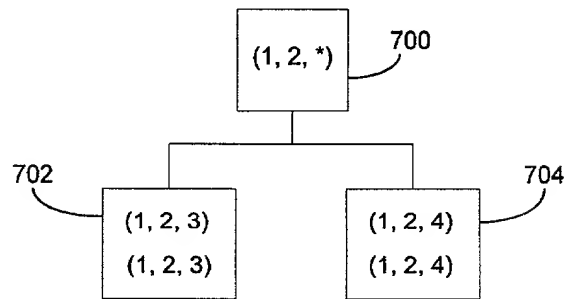


Figure 8

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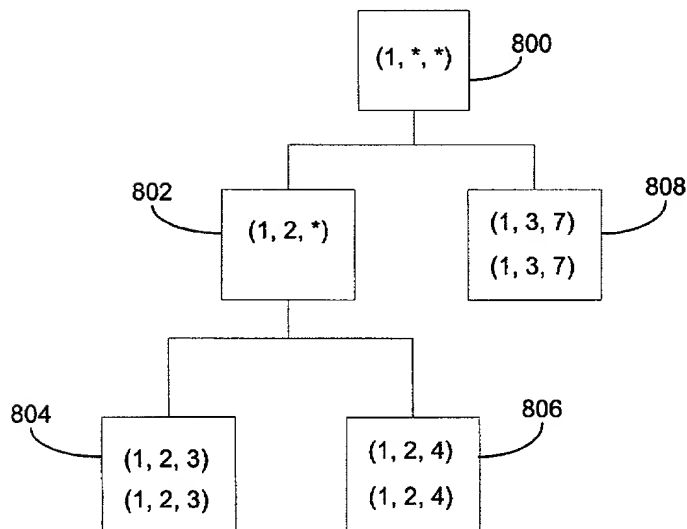


Figure 9

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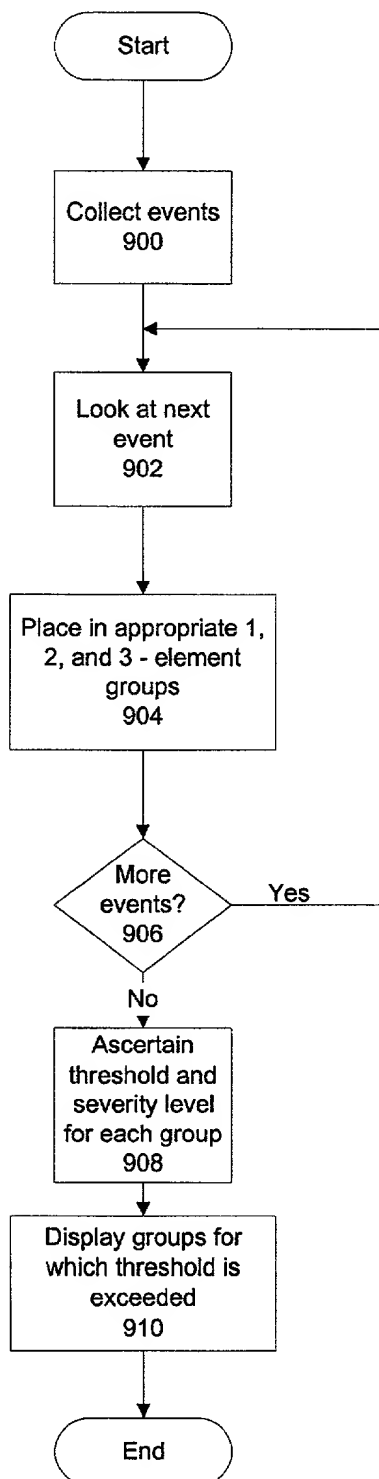


FIG. 9 is a flowchart of the hierarchical correlation of intrusion detection events.

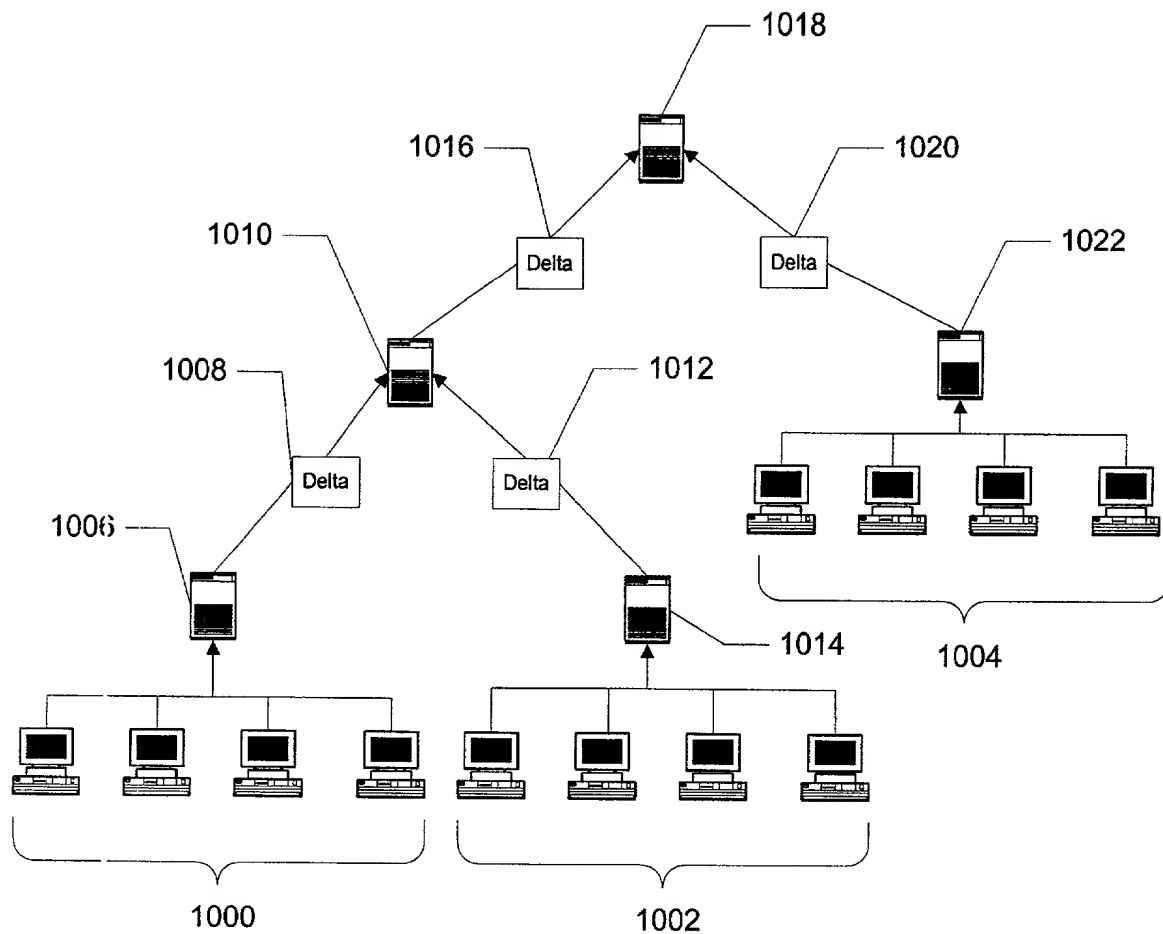


Figure 10

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(1, 2, 3)	+4
(1, *, 5)	-3
(6, 2, *)	+12
(1, *, *)	-7

1102

1104

1100

Figure 11

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(1, 2, 3)	+4	(1, 2, 3)	+14
(1, *, 5)	-3	(2, 0, 0)	-3
(6, 2, *)	+12	(6, 2, *)	+2
(1, *, *)	-7	(1, *, *)	+7

1200

1202

Figure 12

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(1, 2, 3)	+18
(1, *, 5)	-3
(6, 2, *)	+14
(2, 0, 0)	-3

1204

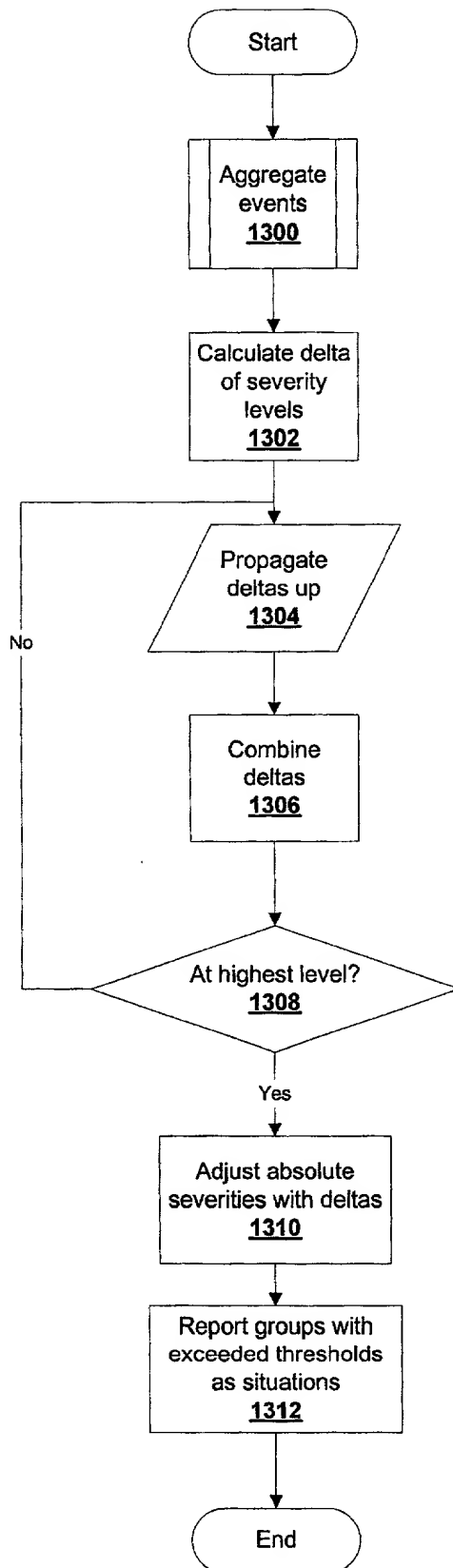


Figure 13

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